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(71) Applicant: **Denso Corporation**
Kariya-city, Aichi-pref., 448-8661 (JP)

(72) Inventors:
• **Aikawa, Yasukazu**
c/o Denso Corporation
Kariya-city, Aichi pref. 448-8661 (JP)

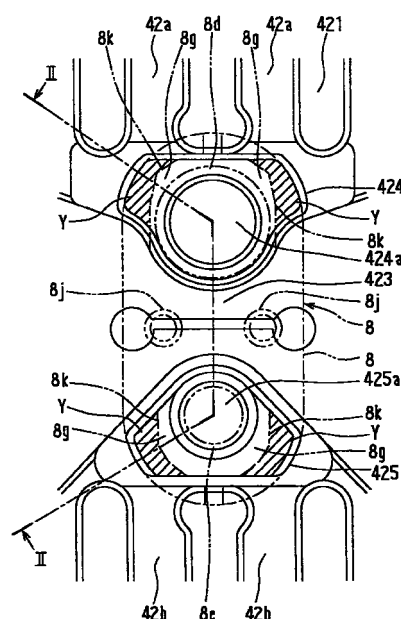
• **Nakamura, Tomohiko**
c/o Denso Corporation
Kariya-city, Aichi pref. 448-8661 (JP)

(74) Representative:
Klingseisen, Franz, Dipl.-Ing. et al
Patentanwälte,
Dr. F. Zumstein,
Dipl.-Ing. F. Klingseisen,
Postfach 10 15 61
80089 München (DE)

(54) **Lamination type heat exchanger with pipe joint**

(57) A side refrigerant outlet passage (6) and a side refrigerant inlet passage (7) are provided between first and second protruding portions (42a, 42b) of a side plate (42) and an end plate (40), which are joined to one another. The side plate (42) has base portions (424b, 425b) protruding in an opposite direction of the end plate (40), and a pipe joint (8) including an outlet pipe (8d) and an inlet pipe (8e) is joined to the base portions (424b, 425b) of the side plate (42). Accordingly, a strength of joining portions between the side plate (42) and the pipe joint (8) is improved, and simultaneously processing cost of the pipe joint (8) is decreased.

FIG. 1



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EUROPEAN SEARCH REPORT

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A	--- PATENT ABSTRACTS OF JAPAN vol. 017, no. 635 (M-1514), 25 November 1993 (1993-11-25) -& JP 05 196389 A (NIPPONDENSO CO LTD), 6 August 1993 (1993-08-06) * abstract *	1,7,11	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 March 2000	Examiner Mootz, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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